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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/765,595	01/26/2004	Wiatt Kettle	200309213-1	1493

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HEWLETT-PACKARD COMPANY  
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EXAMINER
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LEE, MICHAEL

ART UNIT	PAPER NUMBER
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2622

NOTIFICATION DATE	DELIVERY MODE
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07/01/2010

ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

JERRY.SHORMA@HP.COM  
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<b>Office Action Summary</b>	<b>Application No.</b> 10/765,595	<b>Applicant(s)</b> KETTLE, WIATT	
	<b>Examiner</b> M. Lee	<b>Art Unit</b> 2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 11 May 2010.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-31 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                    | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)         | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-31 are rejected under 35 U.S.C. 102(b) as being anticipated by Perlman et al. (6,141,693).

Regarding claim 1, Perlman discloses an ascertaining step (col. 9, lines 36-54, and col. 11, lines 54-67), a client device 820 which inherently includes a video memory or buffer for buffering the processed video data (col. 8, lines 18-25), and a displaying step 830.

Regarding claim 2, the client device 610 or 710 inherently includes a parser for parsing the auxiliary data and the video data. The x and y coordinates of the auxiliary data meets the markers as claimed.

Regarding claim 3, since the data are formatted in packets, it inherently includes headers which include auxiliary data.

Regarding claim 4, see col. 8, lines 35-54.

Regarding claim 5, see col. 11, line 54-67.

Regarding claim 6, see col. 11, lines 44-53.

Regarding claim 7, the inherently included video memory buffers the video rows which are not cropped.

Regarding claims 8-31, in addition of above, Perlman further shows an adding step (501, 605, 705), and a transmitting step (709).

### ***Response to Arguments***

3. Applicant's arguments filed 5/11/10 have been fully considered but they are not persuasive.

Regarding applicant's argument that Perlman does not disclose the step for ascertaining a marker as claimed, the Examiner disagrees. In column 11, lines 56-66, Perlman clearly discloses a cropping function for defining a video region to be cropped by using x and y coordinates. The x and y might only define the region or regions to be cropped, but they also inherently define the region to be fit into the display device because the x and y coordinates are reference points for dividing the cropped region and the displaying region. Each of these regions can be defined based on these same coordinates. In other words, the x and y coordinates, being boarder defining values, can be used to define the displaying region. Therefore, the cropping function clearly meets the claimed ascertaining step.

Regarding applicant's argument that Perlman is silent as to both the dimensions and resolution ratio of the identified region, the Examiner disagrees. In column 11, lines 56-66, Perlman clearly states that cropping function provides a means for eliminating a portion of the video frame in order to make the video frame to fit on a particular video display device. Since the cropping function changes the dimensions and resolution of

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the input video frame both in horizontal direction and vertical direction, it clearly meets the claimed invention.

Regarding applicant's argument that Perlman does not teach or suggest, "excluding rows outside the region defined by the at least one marker such that the rows outside the region defined by the at least one marker are simultaneously cropped from the video feed", the Examiner disagrees. In column 11, lines 56-58, Perlman states that the video data in a region that fits a display device is kept while anything outside the region is cropped. As set forth above, the x and y coordinates can be used to define this region.

Regarding applicant's argument that Perlman does not teach the adding step as recited in claim 9, the Examiner disagrees. In column 6, lines 61-65, Perlman states that the raw video stream is combined with the auxiliary data to produce a stream video. The auxiliary data includes the region defining data described in col. 11, lines 54-67.

Regarding applicant's argument that Perlman does not teach the parsing step or parser as claimed, the Examiner disagrees. In col. 10, lines 37-39, Perlman teaches the step for separating the auxiliary data, which meets the parsing step or parser as claimed.

Regarding applicant's argument that Perlman does not fixing step as claimed, the Examiner disagrees. In col. 9, lines 51-60, Perlman discloses how the auxiliary data is encoded into the video stream. The encoding function clearly meets the fixing step as claimed.

Regarding applicant's argument that Perlman does not teach the limitation as set forth in claim 5, the Examiner disagrees. In col. 11, lines 16-18, Perlman discloses a center of the display device can be calculated based on a corner reference point. By defining the center of a display device, an image frame can be centered on the display device. By further applying the cropping function as described above, the centered image frame can be fitted into the display device with changed resolution ratio both in horizontal direction and vertical direction.

In view of foregoing arguments, it is clear that applicant fails to overcome the Perlman reference. Therefore, the rejection is maintained.

### ***Conclusion***

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to M. Lee whose telephone number 571-272-7349. The examiner can normally be reached on Monday through Thursday from 9 to 6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sinh Tran, can be reached on 571-272-7564. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/M. Lee/  
Primary Examiner  
Art Unit 2622